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Go to: Derwent

 Ema

Title: **JP05132862A2: LIQUID SOFTENING AND FINISHING AGENT**

Derwent Title: Liquid softening agent giving good softness, elasticity, etc. to fibres - contains polyoxyethylene surfactants, and tert. aminoalkyl amino carbonyl cpd. [Derwent Record]

Country: JP Japan  
Kind: A (See also: [JP02951777B2](#))

Inventor: HAYASE TORU;  
SHIRATO KAZUTAKA;  
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Assignee: KAO CORP  
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Published / Filed: 1993-05-28 / 1991-11-12

Application Number: JP1991000295856

IPC Code: Advanced: [C11D 1/835](#); [C11D 3/00](#); [D06M 13/02](#); [D06M 13/322](#); [D06M 13/325](#); [D06M 13/328](#); [D06M 13/402](#); [D06M 13/405](#); [D06M 13/41](#); [D06M 13/463](#);  
Core: [D06M 13/00](#); more...  
IPC-7: [D06M 13/402](#);

Priority Number: 1991-11-12 JP1991000295856

Abstract: PURPOSE: To obtain the subject finishing agent capable of imparting softness and resilience to various fibers by blending specific amounts of a neutralized or a quaternized specific amine compound and a specified nonionic surfactant as essential components.

CONSTITUTION: A household liquid softening and finishing agent is obtained by neutralizing a di-long-chain type amine compound expressed by formula I [R1 is 11-23C saturated or unsaturated hydrocarbon; R2 is 12-24C saturated or unsaturated hydrocarbon; R is 1-24C saturated or unsaturated hydrocarbon; (m) is 1-6] with an inorganic or an organic acid or quaternizing the amine compound with CH3Cl and blending (a) the resultant substance with (b) a nonionic surfactant expressed by formula II, III or IV [R3 is 12-24C saturated or unsaturated hydrocarbon; R4 is H or (EO)r(PO)sH (EO is oxyethylene; PO is oxypropylene; (p+q) or (p+q+r+s) is 1-100] in an amount of 1-100 pts.wt. (in the liquid softening and finishing agent) based on 100 pts.wt. component (a). The resultant agent has high stability to preservation for a long period and is excellent in resilience.

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